

adhesive selection guide 2014

A MUST HAVE
INDUSTRY RESOURCE

Each adhesive selection features an ISO classification e.g. C2TS2, in accordance with ISO 13007 – 2, 2013. Each combination of letters and numbers provides users with a reference to adhesive recommendations for specific tile types on various surfaces. Below is a key to the letter/number codes used for each product.

The manufacturers listed overleaf have nominated three prime products to adhere popular tile and stone materials to a variety of substrates in dry, wet and fully immersed locations. Note that each of the participating companies also manufactures additional products that can be used in similar situations. Each company provides comprehensive technical advice. If you require additional information simply call the company in question or visit their website.

Readers can download a copy of the Adhesive Selection Guide 2014 from the Archived Articles section of www.infotile.com. The Guide is located under the 'tile installation' heading.

In general all substrates and walls should be free of grease or any other contaminants. All surfaces should be prepared smooth, flat and dry. Always follow manufacturers' instructions on the bags and drums and refer to the manufacturer's MSDS or Technical Data sheets which are available on the participating company's website or at www.infotile.com. The materials listed in the Adhesive Selection Guide are not the only products suitable for a particular surface. If more information is required contact the manufacturer of your choice.

This guide provides users with a reference to adhesive recommendations for specific tile types on various surfaces. Below is a key to letter/number codes used on various products. Always ensure that a compatible waterproofing membrane is employed.

As the selection guide shows, the designation of an adhesive consists of the letter of the type (C, D or R), followed by the number of the class and/or the letter(s) corresponding to the characteristics (F, T, E and/or S) which it possesses. ^{TT}

Users of the Adhesive Selection Guide are advised that the ISO Classifications entered for each product are supplied by the participating manufacturer. Where absolute clarification about a product's suitability for a specific project is required the reader should contact the manufacturer for written guarantees.

The standard recognises 3 adhesive types:	
C	Cementitious. In order for a cementitious adhesive to get the normal C1 classification , it must have a tensile adhesion strength of at least 0.5 MPa, when bonding porcelain tiles to concrete, not only in a dry condition, but also after water immersion, heat ageing and freeze-thaw cycling. It must also have a tensile adhesion strength of at least 0.5 MPa, when placing of a porous tile is delayed by at least 20 minutes after the adhesive has been spread. Improved C2 class adhesives must have a tensile adhesive strength of at least 1 MPa after the various conditioning treatments. There are also four letter designations that denote different optional characteristics.
D	Dispersion.
R	Reaction resin.
F	Fast setting adhesives, where products have a tensile adhesion strength of at least 0.5 MPa within 24 hours.
T	Denotes a slip-resistant adhesive (that limits the extent to which tiles might slide down walls).
E	Adhesives with extended open time (minimum of 30 minutes under standard laboratory conditions).
S	Only used for cementitious adhesives, where it denotes special deformable characteristics.
S1	Deformable adhesives (a transverse deformation of 2.5 to 5 mm), while highly deformable.
S2	Adhesives have a transverse deformation of at least 5 mm.

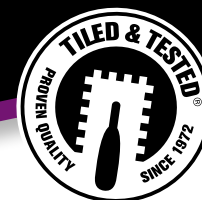
Davco



Does your adhesive
measure up?

SMP Evo:

- Genuinely meets & exceeds AS4992 for **C2S1TE**
- Truly tiled & tested



Davco's complete adhesive range

SMP Evo can handle almost any job, but to see what our other adhesives can do, [scan here.](#)



PAREX GROUP
Building expertise, together

	ABA 1800 300 863		ARDEX AUSTRALIA 1300 788 780		ASA/BOSTIK 1300 364 710		ATLAS TILE ADHESIVES 1800 752 679	
FLOORS								
Concrete	ABA Abaflex	C2TS1	ARDEX X 78	C2ES1	Conflex	C2S1E	Techbond	C2S1ET
	ABA Powerstik	C1TES1	ARDEX X 18	C2TES1	Prontofix	C2EF	Addflex +	C1S1T
	ABA Glue Plus	C2S1	ARDEX STS 8 (with ARDEX E 90 in exteriors)	C1T (C1TS1)	Superfixall	C1E	Addflextra	C1S1T
Compressed Fibre Cement Sheet (Floor)	ABA Abaflex	C2TS2	ARDEX X 78	C2ES1	Conflex	C2S1E	RLA Flex 2 Part	C2S2E
	ABA Glue Plus	C2S1	ARDEX Abaflex	C2TS1	Asaflex	C2S2E	One-1-Flex	C2S2E
	ABA MPP	C1S2	ARDEX X 56	C1ES2	Maxiflex	C1S1ET	Techbond	C2S1ET
Existing Tiles	ABA Abaflex*	C2TS1	ARDEX Optima*	C2TS2	Prontofix + Megalastic*		Addflex +	C1S1T
	ABA Powerstik (internal)*	C1TES1	ARDEX X 78 (dry areas*)	C2ES1	Superglue*	C2S1EF	One-1-Flex	C2S2E
	ABA Glue (internal)*	C2S1	ARDEX Abaflex	C2TS1	Conflex	C2S2EF	Addflextra	C1S1T
	* with glaze removed and Abaprime		*no removal of existing tile glaze, or use of special primer		*No glaze removal needed when primed with Speicalist Primer		*Existing tiles should be treated with RLA Universal Primer	
WALLS								
Cement Render (Masonry)	ABA Powerstik	C1TES1	ARDEX X77	C2TES1	Ultra Mastik	C2S1ET	Just-2-Ezy	C2S1T
	ABA Abamastic Plus (internal)	D2TE	ARDEX Abaflex	C2TS1	Megafix	C1S1ET	Ezyfix NS	C1S1T
	ABA Abaflex	C2TS1	ARDEX D1*	D1TE	Mastik	D1ET	Techbond	C2S1ET
Plasterboard	ABA Abamastic Plus	D2TE	ARDEX D2*	D2TE	Ultra Mastik	C2S1ET	Just-2-Ezy	C2S1T
	ABA MPP	C1S2	ARDEX D1*	D1TE	Megafix	C1S1ET	Ezyfix NS	C1S1T
	ABA Powerstik	C1TES1	MPP * (internal walls)	C1S2	Mastik	D1ET	Supreme NS	D1TE
MISCELLANEOUS								
Swimming Pools & Other Total Immersion Locations	ABA Barrierflex	C1S2	ARDEX X 77	C2TES1	Superglue	C2S2EF	Just-2-Ezy	C2S1T
			ARDEX Optima	C2TS2	Ultra Mastik + Megalastic	C2S2ET	Super Tilefix + Uniflex	C2S1
			ARDEX STS 8 W + ARDEX E 90	C1TS1	Superfixall + Megalastic	C2S1E	RLA Mastic + Uniflex	C2S1T
Floor tiling to receive floor traffic on same day of tiling	ABA MPP	C1S2	ARDEX X 56	C1ES2	Superglue	C2S2EF	Super Tilefix + Uniflex + Quick Set	C2S1
			ARDEX S 16 (internal only)	C2FT	Prontofix + Megalastic	C2S1EF		
			ARDEX Quickbond (use with ARDEX Abalastic in exteriors)	C1FT (C1FTS1)	Prontofix	C2EF		
Shower Floors	ABA Barrierflex	C1S2	ARDEX X 77	C2TES1	Conflex	C2S1E	Addflex +	C1S1T
	ABA Abaflex	C2TS1	ARDEX Abaflex	C2TS1	Ultra Mastik	C2S1ET	Addflextra	C1S1T
	ABA Powerstik	C1TES1	ARDEX X 56	C1ES2	Maxiflex	C1S1ET	Just-2-Ezy	C2S1T
Vitrified products (Porcelain)	ABA Abaflex	C2TS1	ARDEX X 77	C2TES1	Conflex	C2S1E	Addflex +	C1S1T
	ABA Powerstik	C1TES1	ARDEX Abaflex	C2TS1	Ultra Mastik	C2S1ET	Addflextra	C1S1T
	ABA Glue Plus	C2S1	ARDEX STS 8 (use with ARDEX E 90 in exteriors)	C1T (C1TS1)	Maxiflex	C1S1ET	Techbond	C2S1TE
Granite/Marble	ABA Abaflex	C2TS2	ARDEX S 16 W (internal only)	C2FT	Conflex	C2S1E	Just-2-Ezy + Uniflex	C2S1T
	ABA Glue Plus	C2S1	ARDEX Quickbond + ARDEX Abalastic	C1FTS1	Ultra Mastik	C2S1ET	Techbond 14	C2S1TE
			ARDEX WA100	R2T	Prontofix + Megalastic	C2S1EF	RLA Mastic + Uniflex	C2S1

AUSTRALIAN TILING ADHESIVES (ATA) 0418 943 097		DRIBOND/ CONSTRUCTION CHEMICALS 08 8243 7888		LATICRETE 1800 331 012		
						FLOORS
Aus-Flex Multi	C1TS1	Monoflex	C2S2ET	4-XLT (For extra large tile)	C1TES1	Concrete
Aus-Flex Good as Gold	C1TES1	Drymastic	C2S1ET	Lataflex Gold	C1TES1	
Aus-Crete Premium Industrial	C2ES1	Duraflex	C2S1ET	335 Premium	C2TES1	
Aus-Flex Good as Gold	C1TES1	Monoflex	C2S2ET	4237 & 211 Crete filler powder	C2S1	Compressed Fibre Cement Sheet (Floor)
Aus-Flex Platinum	C1TES1	Kemflex 2:1	C2S2ET	Lataflex Gold	C1TES1	
Aus-Crete Premium Industrial	C2ES1	Duraflex	C2S1ET	335 Premium	C2TES1	
Aus-Flex Good as Gold	C1TES1	Monoflex	C2S2ET	3701 Latex/X8 Multi Purpose	C2TES1	Existing Tiles
Aus-Flex Platinum	C1TES1	Kemflex 2:1	C2S2ET	335 Premium	C2TES1	
Aus-Crete Premium Industrial	C2ES1	Ultima (Prime with Primax)	C2S1ET	101 Rapid Set Latex/ 290 Super	C2TFS1	
						WALLS
Aus-Flex Multi	C1TS1	Tilemastic	D1ET	X8 Multi Purpose	C1TES1	Cement Render (Masonry)
Aus-Flex Good as Gold	C1TES1	Gripflex	C2S1ET	Lataflex Gold	C1TES1	
Aus-Crete MPA	C2TS1	Drymastic	C2S1ET	335 Premium	C2TES1	
Aus-Flex Multi	C1TS1	Tilemastic	D1ET	X8 Multi Purpose	C1TES1	Plasterboard
Aus-Flex Good as Gold	C1TES1	Gripflex	C2S1ET	Lataflex Gold	C1TES1	
Aus-Crete MPA	C2TS1	Drymastic	C2S1ET	#15 Multi Mastic* * Internal only	D1TE	
Aus-Crete Premium Industrial	C2ES1	ABA Barrierflex	C1S2	335 Premium	C2TES1	Swimming Pools & Other Total Immersion Locations
Epi-Bond 2 Part Epoxy Adhesive				3701 Latex/ Multi Purpose	X8 C2TES1	
				4237/PermaColor Grout	C2FTS1	
Aus-Flex Multi/Aus-Bond Accelerator	C1TS1	ABA MPP	C1S2	101 Rapid Set Latex/ 290 Super	C2TFS1	Floor tiling to receive floor traffic on same day of tiling
Aus-Flex Platinum/ Aus-Bond Accelerator	C1TES1			335 Premium Rapid	C2TFS1	
Aus-Crete Premium Industrial/ Aus-Bond Accelerator	C2ES1			LATAPOXY 300	R2	
Aus-Flex Multi	C1TS1	ABA Barrierflex	C1S2	X8 Multi Purpose	C1TES1	Shower Floors
Aus-Flex Good as Gold	C1TES1	ABA Abaflex	C2TS1	4237/211	C2S1	
Aus-Crete MPA	C2TS1	ABA Powerstik	C1TES1	335 Premium	C2TES1	
Aus-Flex Good as Gold	C1TES1	ABA Abaflex	C2TS1	4-XLT (For extra large tile)	C1TES1	Vitrified products (Porcelain)
Aus-Flex Platinum	C1TES1	ABA Powerstik	C1TES1	Lataflex Gold	C1TES1	
Aus-Crete Premium Industrial	C2ES1	ABA Glue Plus	C2S1	335 Premium	C2TES1	
Aus-Crete MPA	C2TS1,	ABA Abaflex	C2TS2	101 Rapid Set Latex/ 290 Super	C2TFS1	Granite/Marble
Aus-Crete Premium Industrial	C2ES1,	ABA Glue Plus	C2S1	335 Premium Rapid	C2TFS1	
Epi-Bond 2 part Epoxy Tile & Stone Adhesive				LATAPOXY 310 Stone Adhesive	R2T	
				** Use Rapid set or epoxy adhesive for moisture sensitive stone		

	MAPEI 1800 652 666	NOVATEX PRODUCTS 02 9757 3525	PAREXGROUP 1800 653 347	RLA POLYMERS 1800 752 679
FLOORS				
Concrete	Kerabond Plus & Isolastic C2TS2 Keraflex C2TE Granirapid C2FS1	Nova Mastic White C1S1TE Nova Flex Plus Non Slump C2S1TE Nova Magic C2S1TE	Davco SMP Evo C2S1TE	Unibond C2S1 Moreflex C1S1T Techbond C2S1ET
Compressed Fibre Cement Sheet (Floor)	Kerabond Plus & Isolastic C2TS2 Keraflex C2TE Granirapid C2FS1	Nova Flex Plus Non Slump C2S1TE Nova Magic C2S1TE Uni Nova C2S2TE	Davco SMP Evo C2S1TE	RLA Flex 2 Part C2S2E RLA Flex 1 Part C2S2E Unibond C2S1
Existing Tiles	Kerabond Plus & Isolastic C2TS2 Keraflex C2TE Granirapid C2FS1	Nova Flex Plus Non Slump C2S1TE Nova Magic C2S1TE Uni Nova C2S2TE *existing tiles should be primed using Optimus Primer	Davco SMP Evo C2S1TE	RLA Tileflex C1S1T Unibond C2S1 Techbond C2S1ET * Existing Tiles should be treated with RLA Universal Primer
WALLS				
Cement Render (Masonry)	Kerabond Plus & Isolastic C2TS2 Keraflex C2TE Keraquick C2FTS1	Supa Nova C1E Nova Mastic White C1S1TE Nova Ezy Non Slip C2S1TE	Davco SMP Evo C2S1TE	Flexibond NS C1S1T Just 2 EZY C2S1T RLA Mastic C1S1T
Plasterboard	Keraflex C2TE Tixobond Fine S1 C1TES1 Ademastic K D1TE	Nova Mastic White C1S1TE Nova Ezy Non Slip C2S1TE Nova Magic C2S1TE	Davco SMP Evo C2S1TE	Flexibond NS C1S1T RLA Mastic C1S1T Supreme NS D1TE
MISCELLANEOUS				
Swimming Pools & Other Total Immersion Locations	Granirapid C2FS1 Kerabond Plus & Isolastic C2TS2	Nova Mastic White + Nova Mix Additive C2S1TE Nova Magic C2S1TE Uni Nova C2S2TE	Davco SMP Evo C2S1TE	Just-2-Ezy C2S1T RLA Mastic + Uniflex C2S1T Tilebond Extra + Uniflex C2S1
Floor tiling to receive floor traffic on same day of tiling	Keraquick & Latex Plus C2FTS2 Keraquick C2FTS1 Adesilex P4 C2F	Supa Nova + Nova Rapid C1 Nova Mastic + Nova Rapid C1S1T Nova Magic + Nova Rapid C2S1T	Davco 2 Part Rapid C2S1FE	Tilebond Extra+ Uniflex + Quick Set C2S1
Shower Floors	Kerabond Plus & Isolastic C2TS2 Granirapid C2FS1	Nova Mastic White C1S1TE Nova Magic C2S1TE Uni Nova C2S2TE	Davco SMP Evo C2S1TE	RLA Tileflex C1S1T Just 2 Ezy C2S1T Techbond C2S1ET
Vitrified products (Porcelain)	Kerabond Plus & Isolastic C2TS2 Keraflex C2TE Granirapid C2FS1	Nova Flex Plus Non Slump C2S1TE Nova Magic C2S2TE Uni Nova C2S1TE	Davco SMP Evo C2S1TE	RLA Tileflex C1S1T Moreflex C1S1T Techbond C2S1ET
Granite/Marble	Keralastic T R2 Kerapoxy R2T Granirapid C2FS1	Nova Flex Plus Non Slump C2S1TE Nova Magic C2S1TE Uni Nova C2S1TE	Davco SMP Evo C2S1TE Davco 2 Part Rapid C2S1FE for moisture sensitive stone	Just-2-Ezy + Uniflex C2S1T Techbond C2S1ET RLA Mastic + Uniflex C2S1T